PTO/SB/21 (11-08 Approved for use through 12/31/2008. OMB 0651-0031

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TRADE Liner the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/580,488-Conf. #2387 Filing Date TRANSMITTAL March 27, 2007 First Named Inventor **FORM** Takumi Arie Art Unit 2629 **Examiner Name** C. E. Leiby (to be used for all correspondence after initial filing) Attorney Docket Number 5 S1459.70115US00 Total Number of Pages in This Submission ENCLOSURES (Check all that apply) After Allowance Communication x | Fee Transmittal Form Drawing(s) to TC Appeal Communication to Board x Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address X Other Enclosure(s) (please Identify below): Extension of Time Request Terminal Disclaimer Japanese Office Action issued **Express Abandonment Request** Request for Refund September 16, 2008 Copies of Cited References CD, Number of CD(s) x Information Disclosure Statement Return Receipt Postcard Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name WOLF, GREENFIELD & SACKS, P.C. Signature Printed name Randy J. Pritzker Date 12-23-08 Reg. No. 35,986

Certificate of Mailing Under 37 CFR 1.8(a) hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Dated: 12-24-08 Signature: (MacAulay S. Rush)

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TRANSMITTAL FORM

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Application Number	10/580,488-Conf. #2387
Filing Date	March 27, 2007
First Named Inventor	Takumi Arie
Art Unit	2629
Examiner Name	C. E. Leiby
Attorney Docket Number	S1459.70115US00

	EN	CLOSURES (Check all that ap	oly)	
x Fee Transn	nittal Form	Drawing(s)	After Allowance Communication to TC	
X Fee A	Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences	
Amendmen	nt/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
After	Final	Petition to Convert to a Provisional Application	Proprietary Information	
Affida	avits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter	
Extension of	of Time Request	Terminal Disclaimer	X Other Enclosure(s) (please Identify below):	
Express At	pandonment Request	Request for Refund	Japanese Office Action issued September 16, 2008	
X Information	Disclosure Statement	CD, Number of CD(s)	Copies of Cited References Return Receipt Postcard	
Certified Control Document(opy of Priority s)	Landscape Table on CD		
	issing Parts/ Application	Remarks		
Reply to Missing Parts under 37 CFR 1.52 or 1.53				
	SIGNAT	URE OF APPLICANT, ATTORNEY, O	R AGENT	
Firm Name	WOLF, GREENFIEL	D & SACKS, P.C.		
Signature	Ranch	1 J. Poteller		
Printed name	Randy J. Pritzker			
Date	12-23	- DS Reg. No	35,986	

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PTO/SB/17 (10-08) Approved for use through 06/30/2010. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). 10/580,488-Conf. #2387 **Application Number** March 27, 2007 FEE TRANSMITTAL Filing Date Takumi Arie First Named Inventor For FY 2009 **Examiner Name** C. E. Leiby Applicant claims small entity status. See 37 CFR 1.27 2629 Art Unit S1459.70115US00 TOTAL AMOUNT OF PAYMENT 180.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) x Check Credit Card Money Order None Other (please identify): 23/2825 Deposit Account Name: Wolf, Greenfield & Sacks, P.C. Deposit Account Number: For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below Charge any additional fee(s) or underpayments of x Credit any overpayments fee(s) under 37 CFR 1.16 and 1.17 **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES SEARCH FEES **EXAMINATION FEES** FILING FEES **Small Entity Small Entity Small Entity Application Type** Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fees Paid (\$) Fee (\$) Fee (\$) 220 Utility 330 165 540 270 110 220 110 100 50 140 70 Design Plant 220 110 330 165 170 85 270 325 540 650 Reissue 330 165 Provisional 220 110 0 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) Fee Description Each claim over 20 (including Reissues) 52 26 Each independent claim over 3 (including Reissues) 220 110 Multiple dependent claims 390 195 Fee Paid (\$) **Multiple Dependent Claims Total Claims** Extra Claims - 20 or HP Fee Paid (\$) Fee (\$) HP = highest number of total claims paid for, if greater than 20. Indep. Claims **Extra Claims** Fee Paid (\$) - 3 or HP = HP = highest number of independent claims paid for, if greater than 3. 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

SUBMITTED BY	0	0 - 1			
Signature	Komoly		gistration No. orney/Agent) 35,986	Telephone	617.646.8000
Name (Print/Type)	Randy J. Pritzker			Date 12	-23-08

Number of each additional 50 or fraction thereof

(round up to a whole number) x

Extra Sheets

Non-English Specification, \$130 fee (no small entity discount)

/50 =

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement

- 100 =

4. OTHER FEE(S)

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the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for
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17 711 04
Dated: 12-29-00 Signature: 12-2 (MacAulay S. Rush)

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PTO/SB/17 (10-08)

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Fees pursuant to the Consolid			. 4818).	Application Num	ber	10/580,488-Co	nf. #2387	
FEE TRANSMITTAL			r	Filing Date		March 27, 2007		
			Γ	First Named Inve	entor	Takumi Arie		
FOI	r FY 200	<u> </u>		Examiner Name		C. E. Leiby		
Applicant claims sm	nall entity status.	See 37 CFR 1.27	<u> </u>	Art Unit		2629		
TOTAL AMOUNT OF PAYM	MENT	(\$) 180.00		Attorney Docket I	No.	S1459.70115U	S00	
METHOD OF PAYME	NT (check all	that apply)						
		Money Order	None	Other (p	olease identif	fy):		
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Utility	330	165	540	270	220	110		
Design	220	110	100	50	140	70		
Plant	220	110	330	165	170	85		
Reissue	330	165	540	270	650	325		
Provisional	220	110	0	0	0	0		
2. EXCESS CLAIM FEES	5							Small Entity
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SUBMITTED BY	0	0 - 1					
Signature	Komoly	J. Phtow	Registration No. (Attorney/Agent)	35,986	Telephone	617.646.8000	
Name (Print/Type)	Randy J. Pritzker				Date 12	-23-08	

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Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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Signature / / / / / / / / / / / / / / / / / / /

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DOCKET NO.: S1459.70115US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Takumi Arie et al.

Serial No.:

10/580,488

Confirmation No.:

2387

Filed:

March 27, 2007

For:

INFORMATION PROVIDING APPARATUS

Examiner:

C.E. Leiby

Art Unit:

2629

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12-211-05

MacAulay S. Rush

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office action, but before the mailing date of any final action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant would like to bring to the Examiner's attention the enclosed Japanese Office Action issued September 16, 2008 in connection with Japanese Application No. 2003-398410.

12/29/2008 MBELETE1 00000041 10580488 01 FC:1806 180.00 OP Serial No.: 10/580,488 - 2 - Art Unit: 2629

Conf. No.: 2387

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By:

Randy J. Pritzker, Reg. No. 35,986 Wolf, Greenfield & Sacks, P.C.

600 Atlantic Avenue

Boston, Massachusetts 02210-2206

Telephone: (617) 646-8000

Docket No.: \$1459.70115US00 Date: 12 - 23 - 08

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